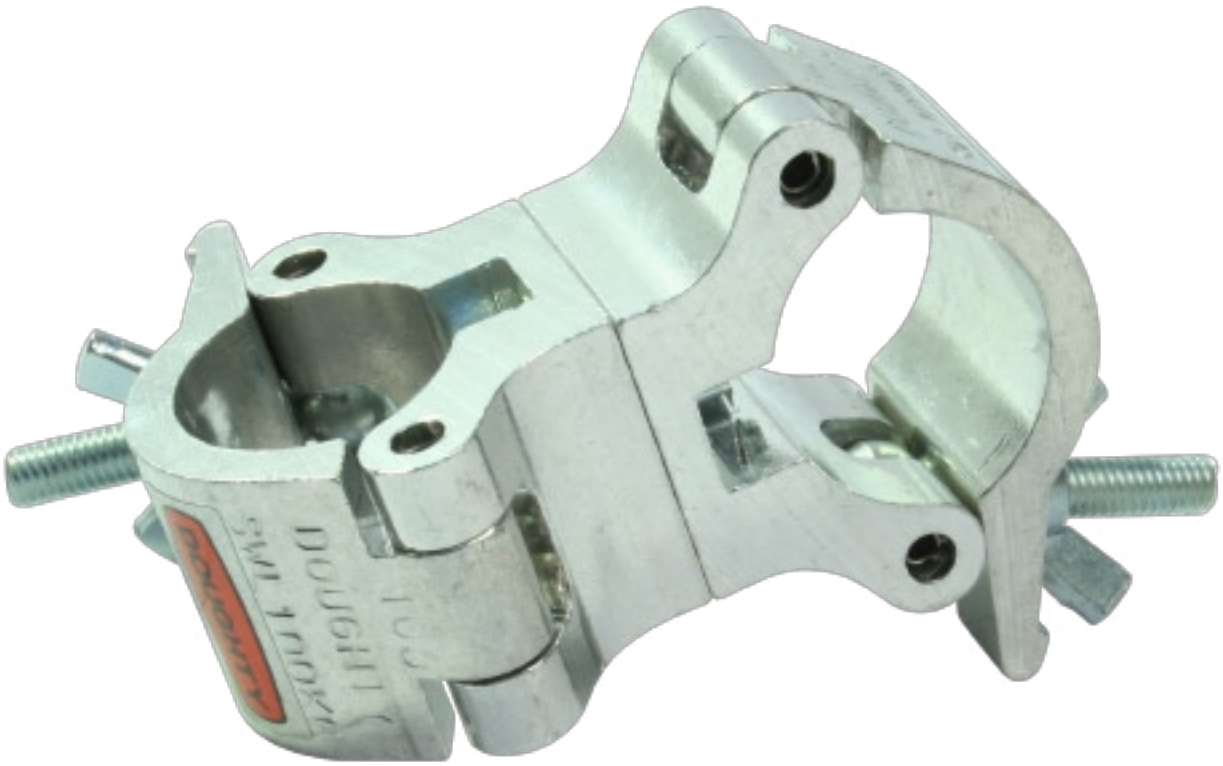
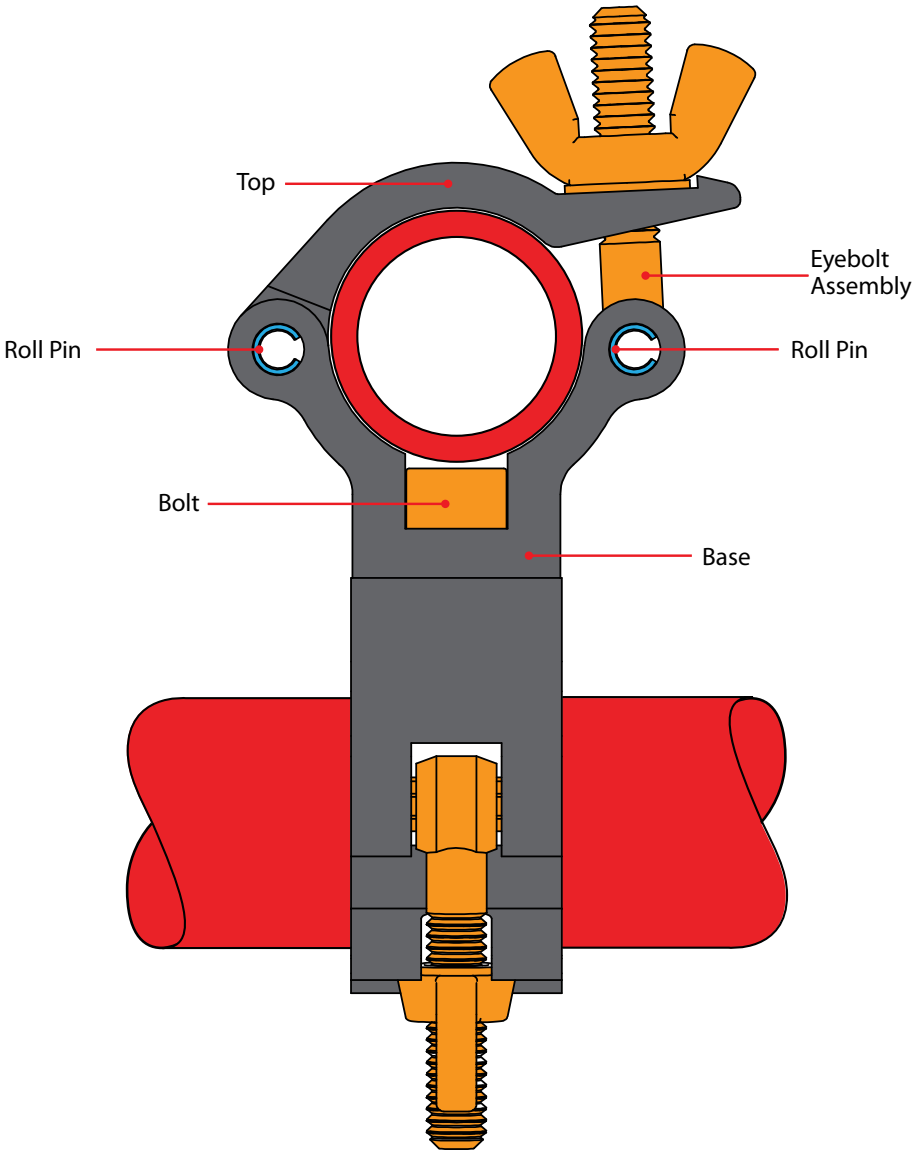
User Manual

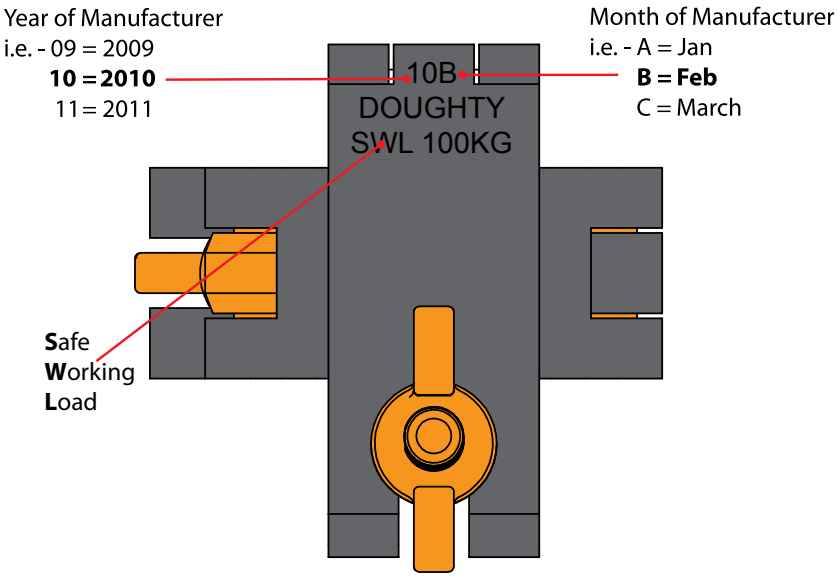
www.doughty-engineering.co.uk

T58885/T5888501

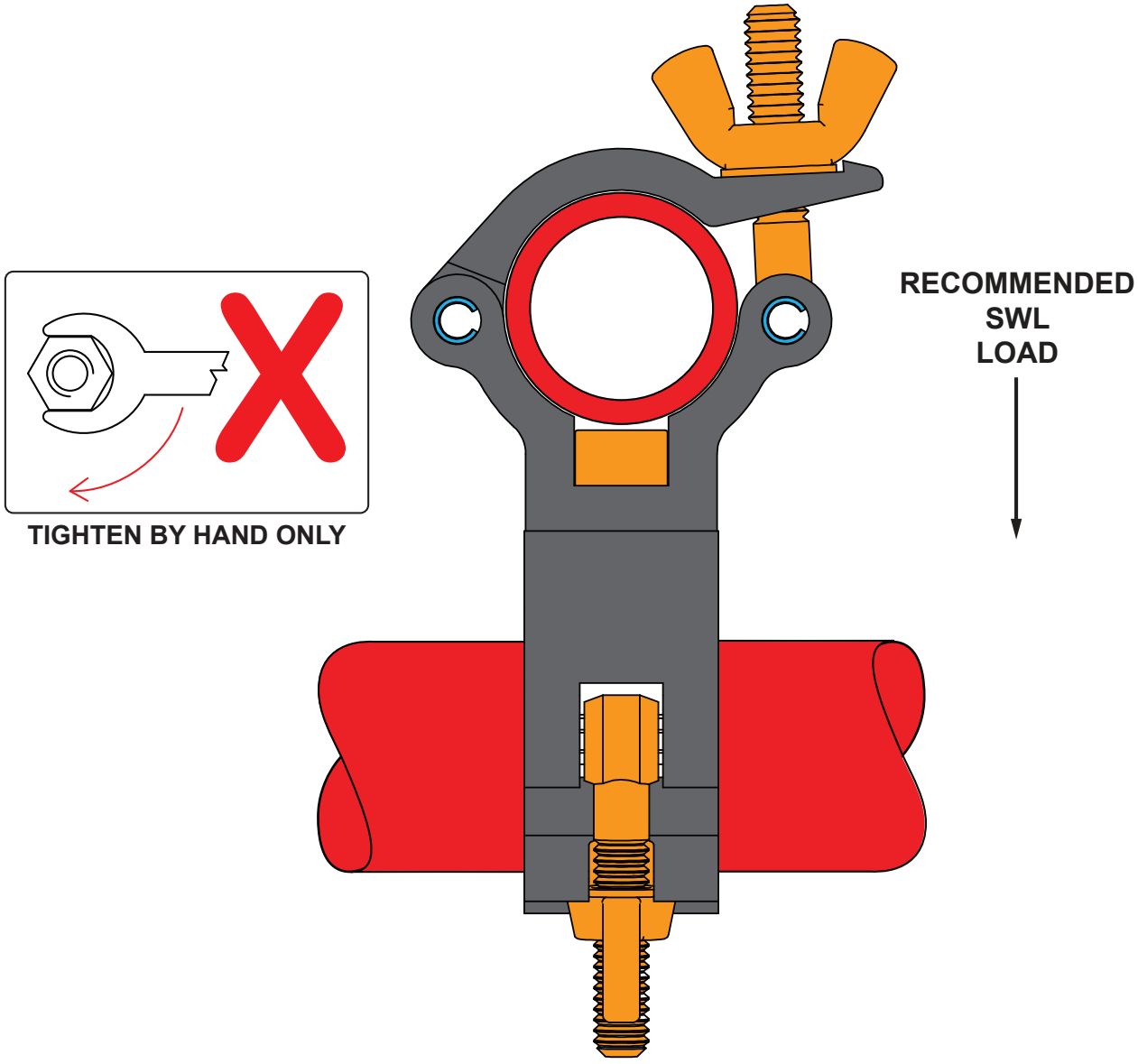
25mm Atom 90° Fixed Coupler



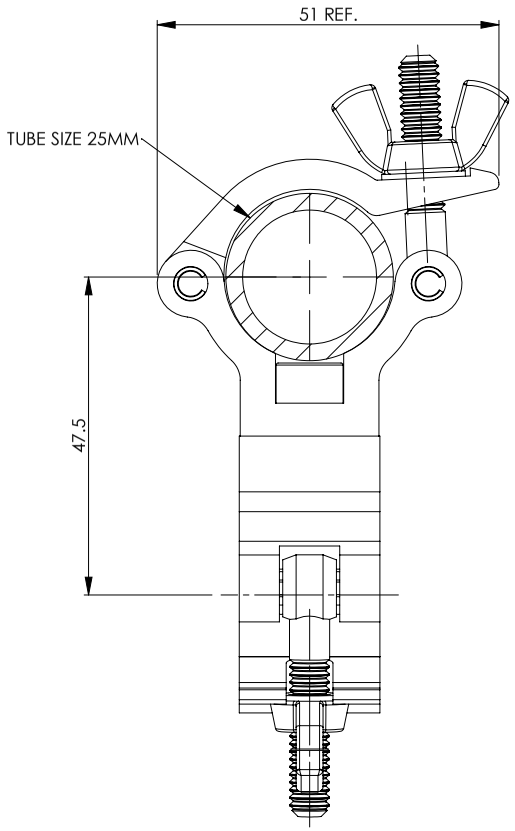

Top
Eyebolt
Assembly
Roll Pin
Roll Pin
Bolt
Base

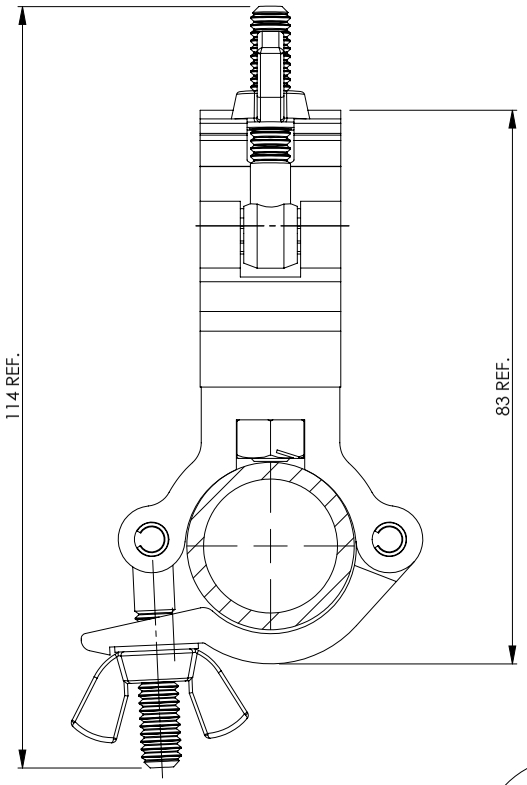

Year of Manufacturer
i.e. - 09 = 2009
10 = 2010
11 = 2011
Month of Manufacturer
i.e. - A = Jan
B = Feb
C = March
10B
DOUGHTY
SWL 100KG
Safe
Working
Load

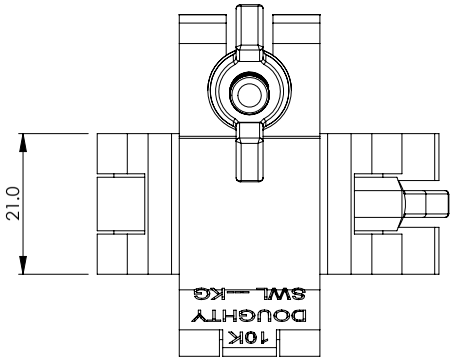
1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (25mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an ‘Approved Doughty Service Agent’ for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
4. When used in conjunction with other accessories, care must be taken to ensure that the minimum SWL of any component is not exceeded.
5. Doughty Engineering Ltd does not recommend using any clamps which do not fully encompass the tube for overhanging. All open clamps including hookclamps should be used in a vertical orientation only.

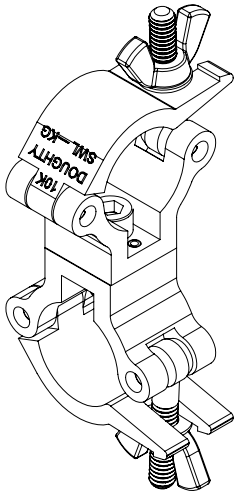


www.doughty-engineering.co.uk









DOUGHTY

DOUGHTY ENGINEERING LTD

DATA SHEET

TITLE:
25MM ATOM 90° FIXED COUPLER

PART NOS:
T58885 - SILVER
T5888501 - BLACK

MATERIAL :
ALUMINIUM

WEIGHT:

SWL:
100 KG

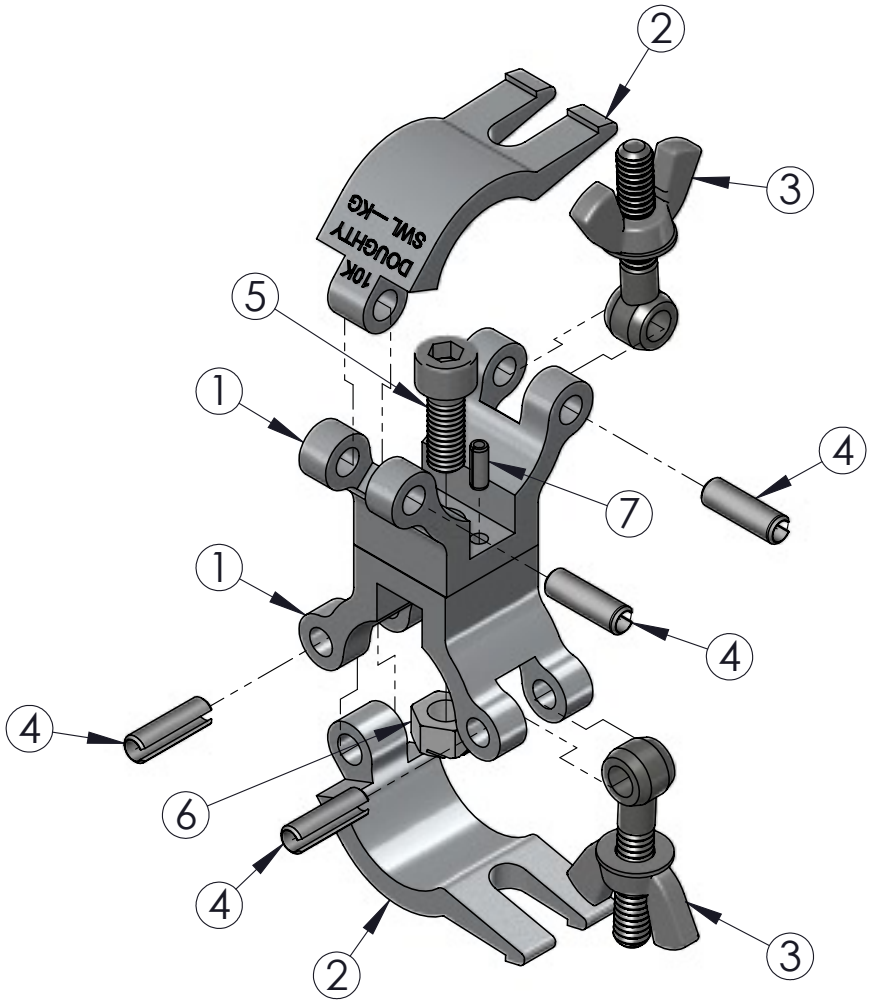
FINISH:
T58885 - POLISHED
T5888501 - POWDER PAINTED BLACK

NOTES:
PARALLEL AND 90 DEGREE FIXED VERSIONS ARE AVAILABLE

STRICTLY FOR REFERENCE PURPOSES ONLY

THIRD ANGLE PROJECTION

Data Sheet



DOUGHTY PRODUCTS MUST ONLY BE SERVICED / REPAIRED BY
AN AUTHORISED SERVICE AGENT.
SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Spares/QTY.
1	TH655	MACHINED 25MM ATOM CLAMP BASE	2
2	TH133	MACHINED 25MM ATOM CLAMP TOP	2
3	T78015	M6 X 35 DOUGHTY EYEBOLT ASSEMBLY	2
4	F772	M5 x 16 ROLL PIN STAINLESS STEEL	4
5	F682	M6 X 16 SKT CAP SCREW	1
6	F767	M6 BINX NUT BZP	1
7	F760	M3 x 8 ROLL PIN STAINLESS STEEL	1

T58885 - 25MM ATOM 90° FIXED COUPLER

DOUGHTY	DRAWN	AW
	DATE	24/03/2011
NOT TO SCALE	Rev	1

Doughty Engineering Limited
CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND
Telephone: +44 (0) 1425 478961 Fax: +44 (0) 1425 474481
www.doughty-engineering.co.uk
email:sales@doughty-engineering.co.uk

EC DECLARATION OF CONFORMITY

Doughty Engineering Limited hereby certify that the equipment stated below has been designed to comply with all relevant sections of the specifications referenced below and complies with all the applicable Essential Requirements of the EC Directives and amendments and the National Laws and Regulations adopting these Directives.

Description: Ø25mm Atom 90° Fixed Coupler

Model/s: Part No. T58885 / T5888501

SWL: 100Kg **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

Harmonised Standards applied:

EN 292-1-2:1991

BS EN ISO 9001:1994

Safety Tested: DIN 31000 03.79

Safety Tested: DIN EN 74 12.88

National Technical Standards & Specifications applied:

BS 7905-1:2001

Signed: Date:23-04-08

Name: Nigel Curtis Position: Technical Director

Being the responsible person appointed by the manufacturer.

CE

DEQ 083 Rev 4

Company Registration No. London 972614
Registered Office: Crow Arch Lane, Ringwood, Hants, BH24 1NZ
Directors: M.B.Lister. J.C.G. Chiverton. N.D. Curtis. S.C. Wright

Doughty Engineering Ltd
Crow Arch Lane
Ringwood, Hampshire, BH24 1NZ
Tel: +44 (0) 1425 478961 Fax: +44 (0) 1425 474481
email: sales@doughty-engineering.co.uk
Web: www.doughty-engineering.co.uk

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User Manual

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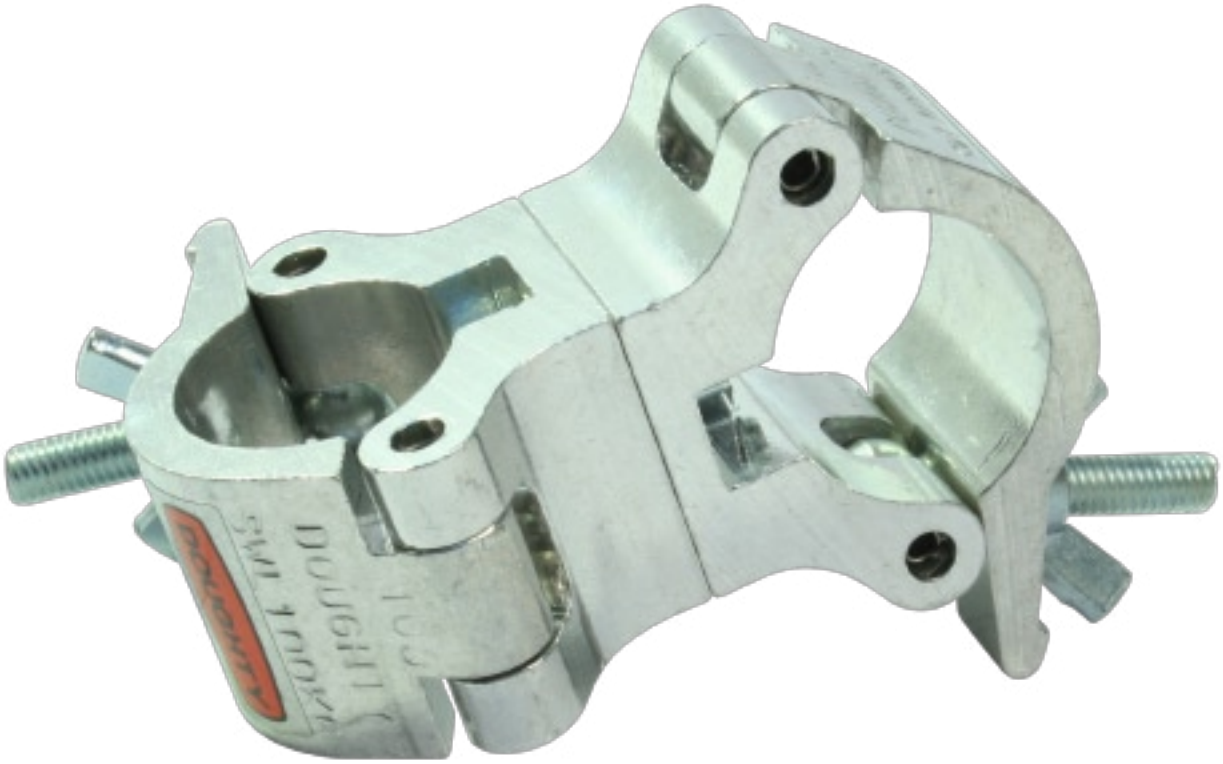
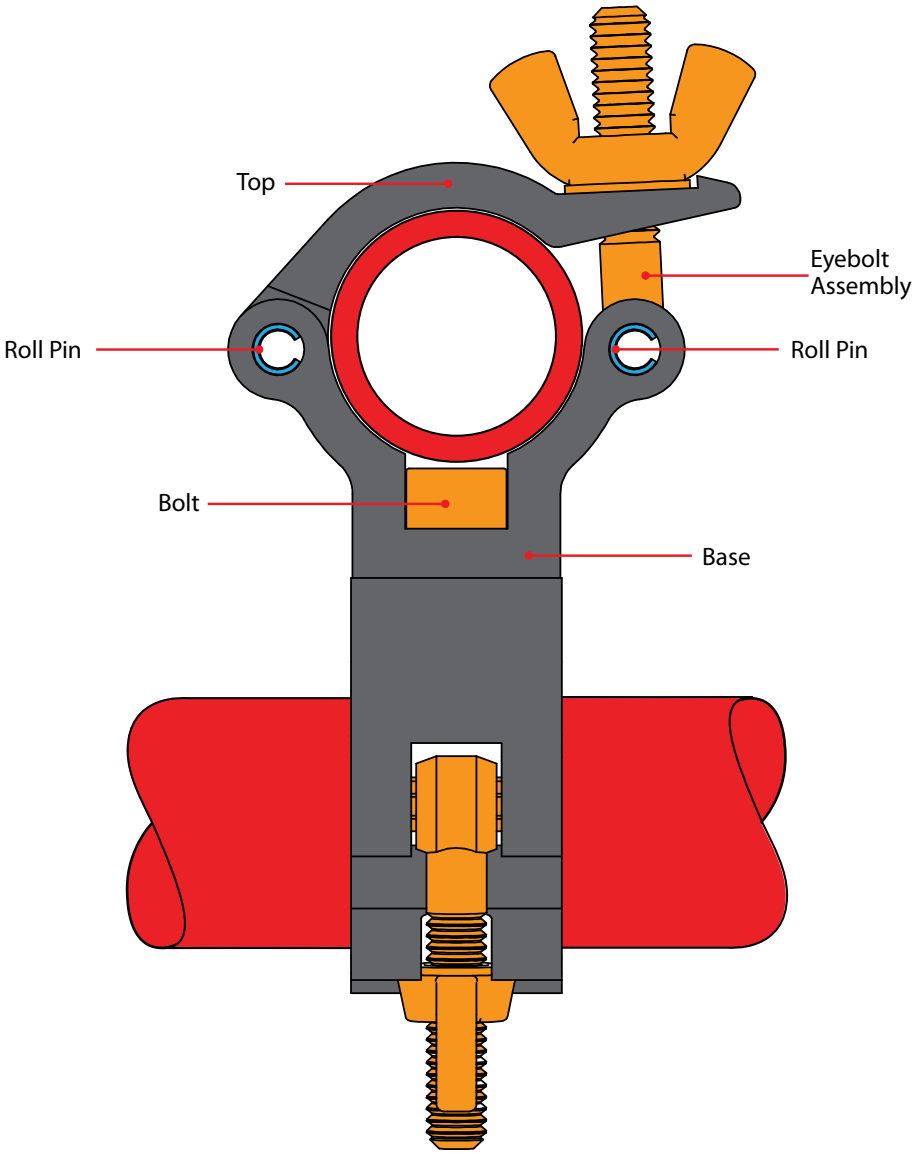
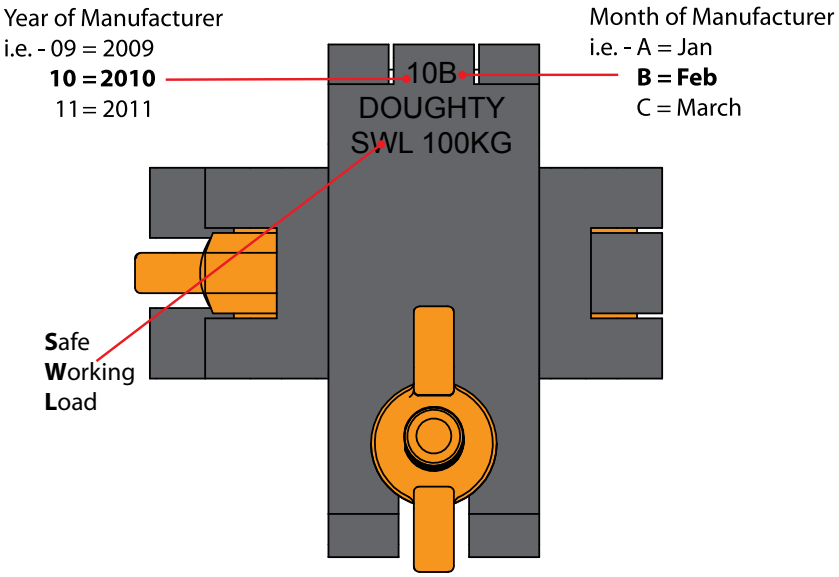
T58820/T5882001

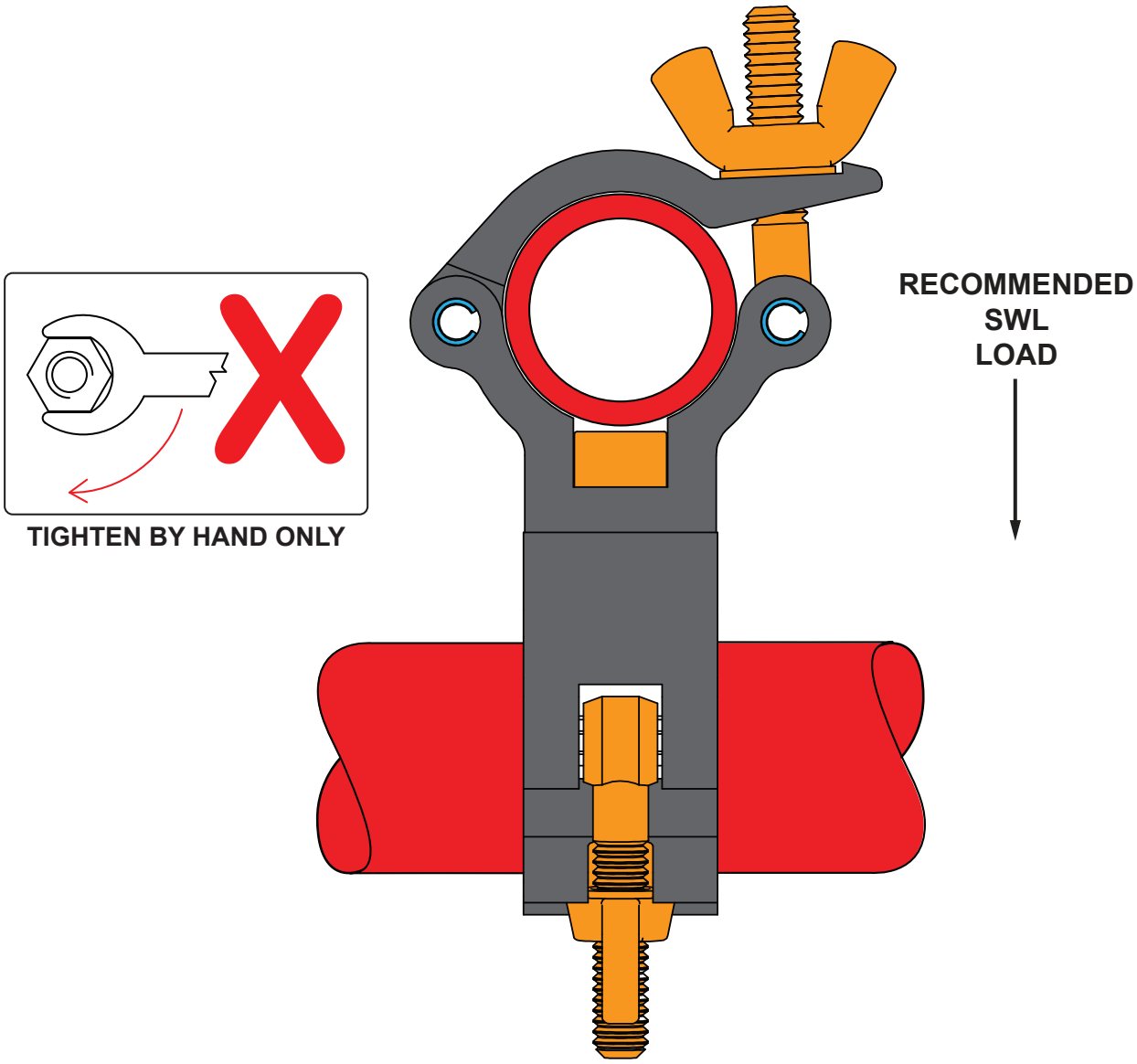
32mm Atom 90° Fixed Coupler

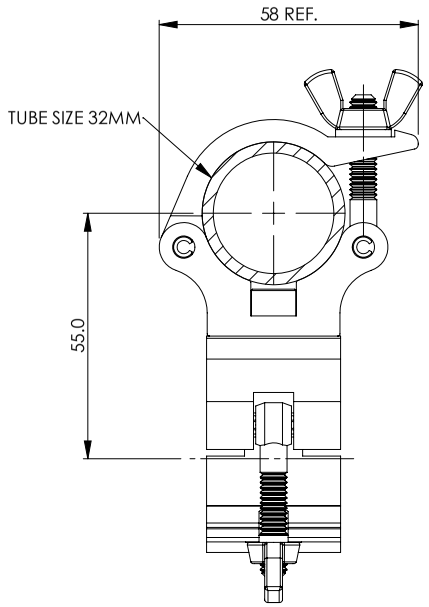


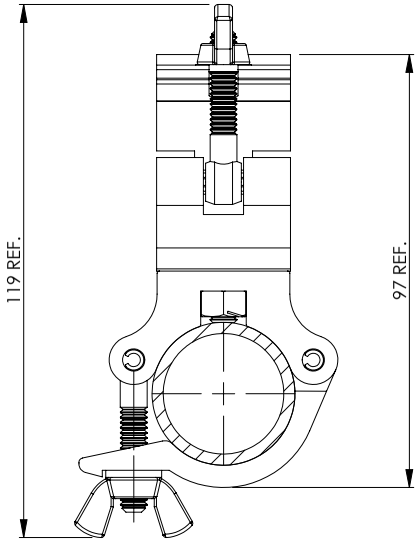

Top
Eyebolt
Assembly
Roll Pin
Roll Pin
Bolt
Base

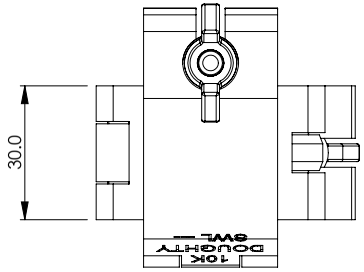

Year of Manufacturer
i.e. - 09 = 2009
10 = 2010
11 = 2011
Month of Manufacturer
i.e. - A = Jan
B = Feb
C = March
10B
DOUGHTY
SWL 100KG
Safe
Working
Load

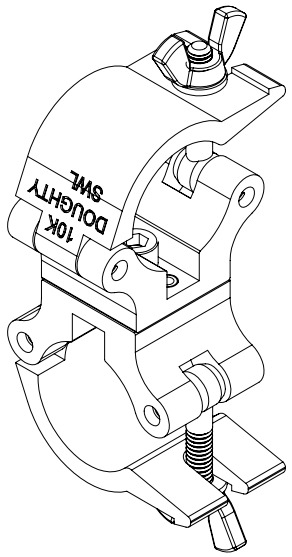
1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (32mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an ‘Approved Doughty Service Agent’ for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
4. When used in conjunction with other accessories, care must be taken to ensure that the minimum SWL of any component is not exceeded.
5. Doughty Engineering Ltd does not recommend using any clamps which do not fully encompass the tube for overhanging. All open clamps including hookclamps should be used in a vertical orientation only.











DOUGHTY ENGINEERING LTD

DATA SHEET

TITLE:
32MM ATOM 90° FIXED COUPLER

PART NOS:
T58820 - SILVER
T5882001 - BLACK

MATERIAL :
ALUMINIUM

WEIGHT:

SWL:
100 KG

FINISH:
T58820 - POLISHED
T5882001 - POWDER PAINTED BLACK

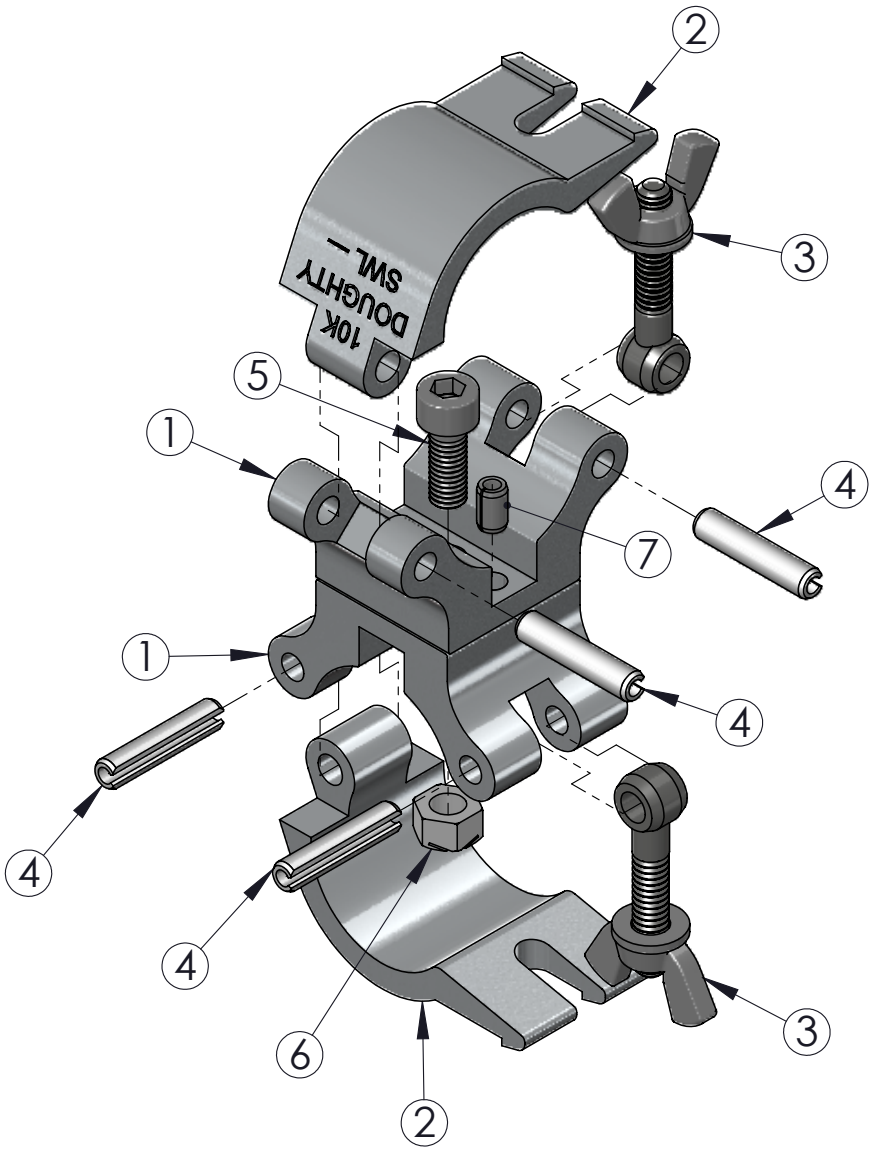
NOTES:
PARALLEL AND 90 DEGREE FIXED VERSIONS ARE AVAILABLE

STRICTLY FOR REFERENCE PURPOSES ONLY

THIRD ANGLE PROJECTION

www.doughty-engineering.co.uk

Data Sheet



DOUGHTY PRODUCTS MUST ONLY BE SERVICED / REPAIRED BY AN AUTHORISED SERVICE AGENT.
SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Spares/QTY.
1	TH320	MACHINED 32MM ATOM CLAMP BASE	2
2	TH321	MACHINED 32MM ATOM CLAMP TOP	2
3	T78010	M6 X 39 EYEBOLT	2
4	F771	M5 x 25 Stainless Steel Roll Pin	4
5	F682	M6 X 16 SKT CAP SCREW	1
6	F767	M6 BINX NUT BZP	1
7	F775	M5 x 8 ROLL PIN STAINLESS STEEL	1

T58820 - 32MM ATOM 90° FIXED COUPLER

DOUGHTY	DRAWN	AW
	DATE	28/03/2011
NOT TO SCALE	Rev	1

Doughty Engineering Limited
CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND
Telephone: +44 (0) 1425 478961 Fax: +44 (0) 1425 474481
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email:sales@doughty-engineering.co.uk

EC DECLARATION OF CONFORMITY

Doughty Engineering Limited hereby certify that the equipment stated below has been designed to comply with all relevant sections of the specifications referenced below and complies with all the applicable Essential Requirements of the EC Directives and amendments and the National Laws and Regulations adopting these Directives.

Description: Ø32mm Atom 90° Fixed Coupler

Model/s: Part No. T58820 / T5882001

SWL: 100Kg **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

Harmonised Standards applied:

EN 292-1-2:1991

BS EN ISO 9001:1994

Safety Tested: DIN 31000 03.79

Safety Tested: DIN EN 74 12.88

National Technical Standards & Specifications applied:

BS 7905-1:2001

Signed: Date:23-04-08

Name: Nigel Curtis Position: Technical Director

Being the responsible person appointed by the manufacturer.

CE

DEQ 083 Rev 4

Company Registration No. London 972614
Registered Office: Crow Arch Lane, Ringwood, Hants, BH24 1NZ
Directors: M.B.Lister. J.C.G. Chiverton. N.D. Curtis. S.C. Wright

Doughty Engineering Ltd
Crow Arch Lane
Ringwood, Hampshire, BH24 1NZ
Tel: +44 (0) 1425 478961 Fax: +44 (0) 1425 474481
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User Manual

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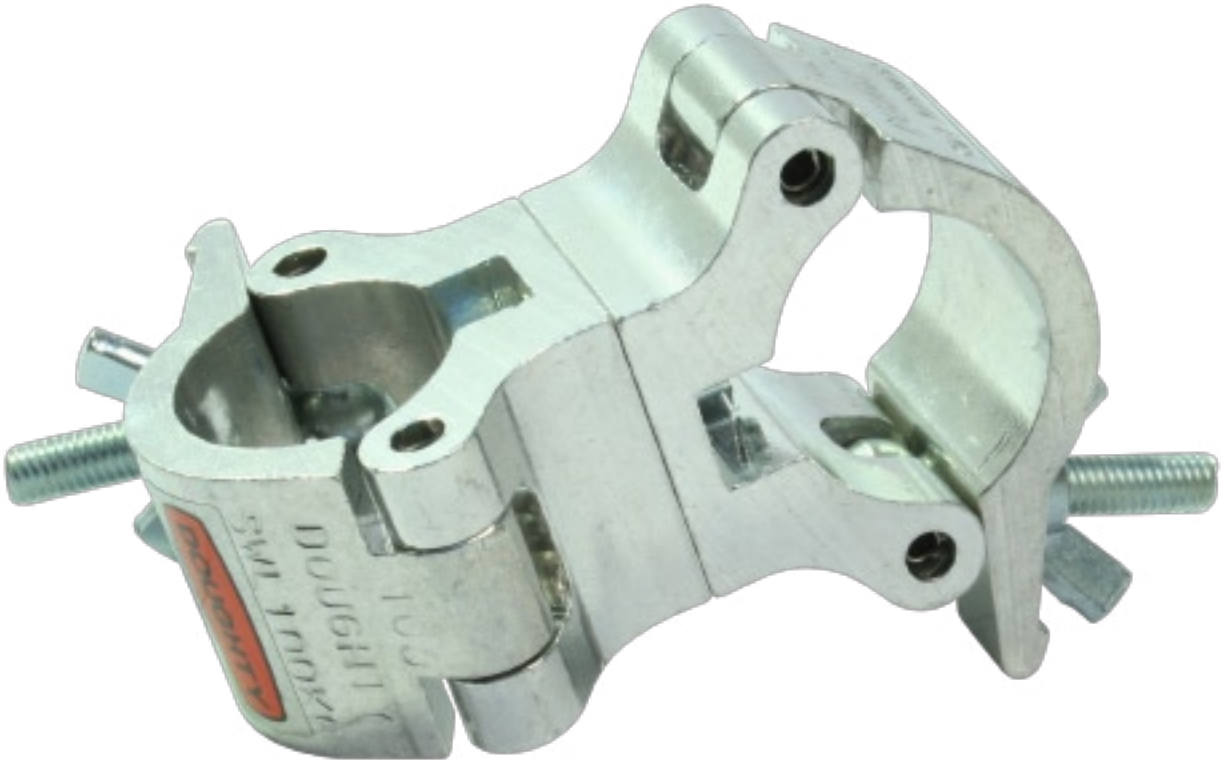
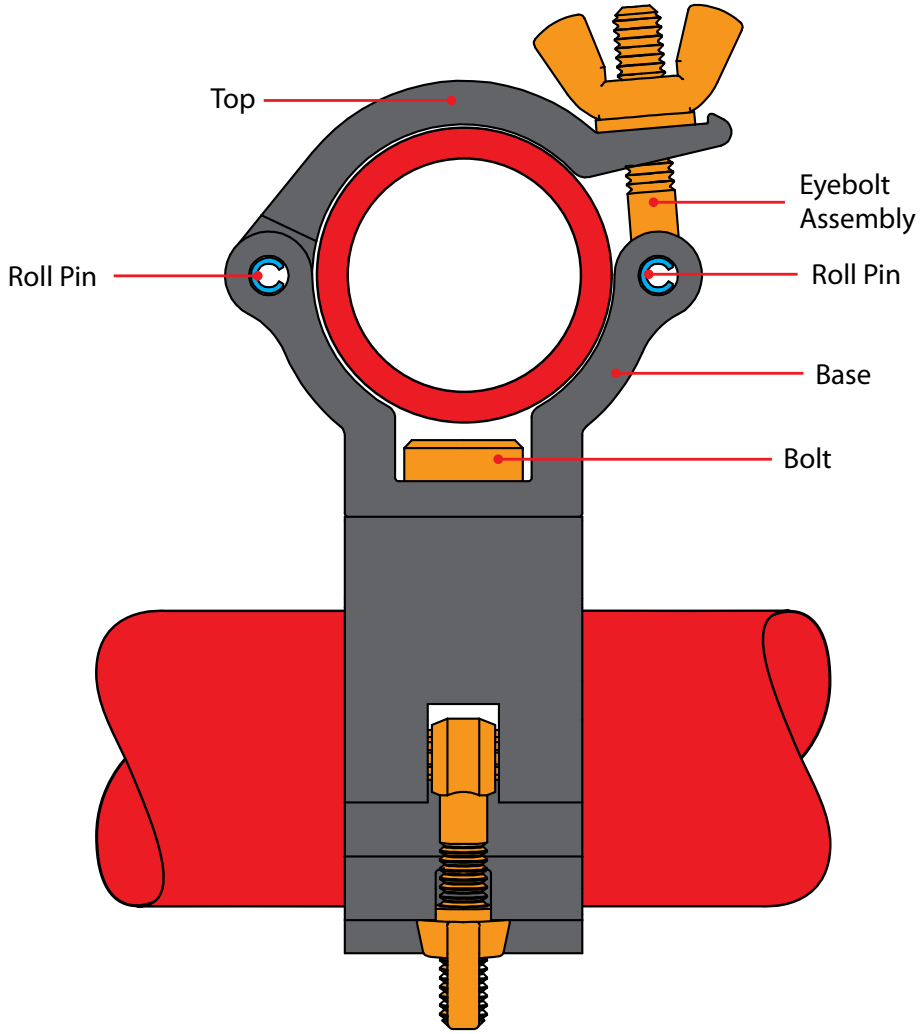
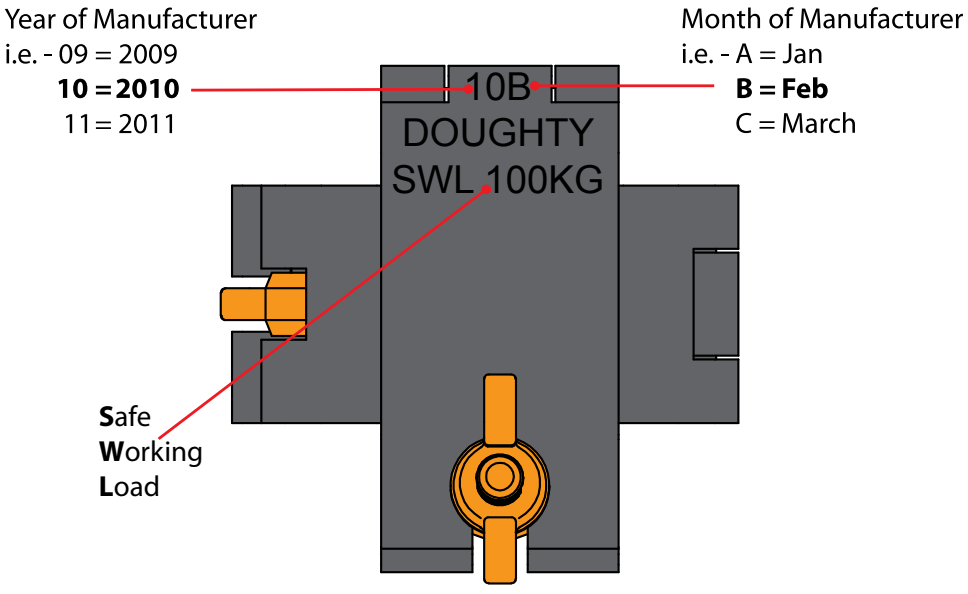
38mm Atom 90° Fixed Coupler

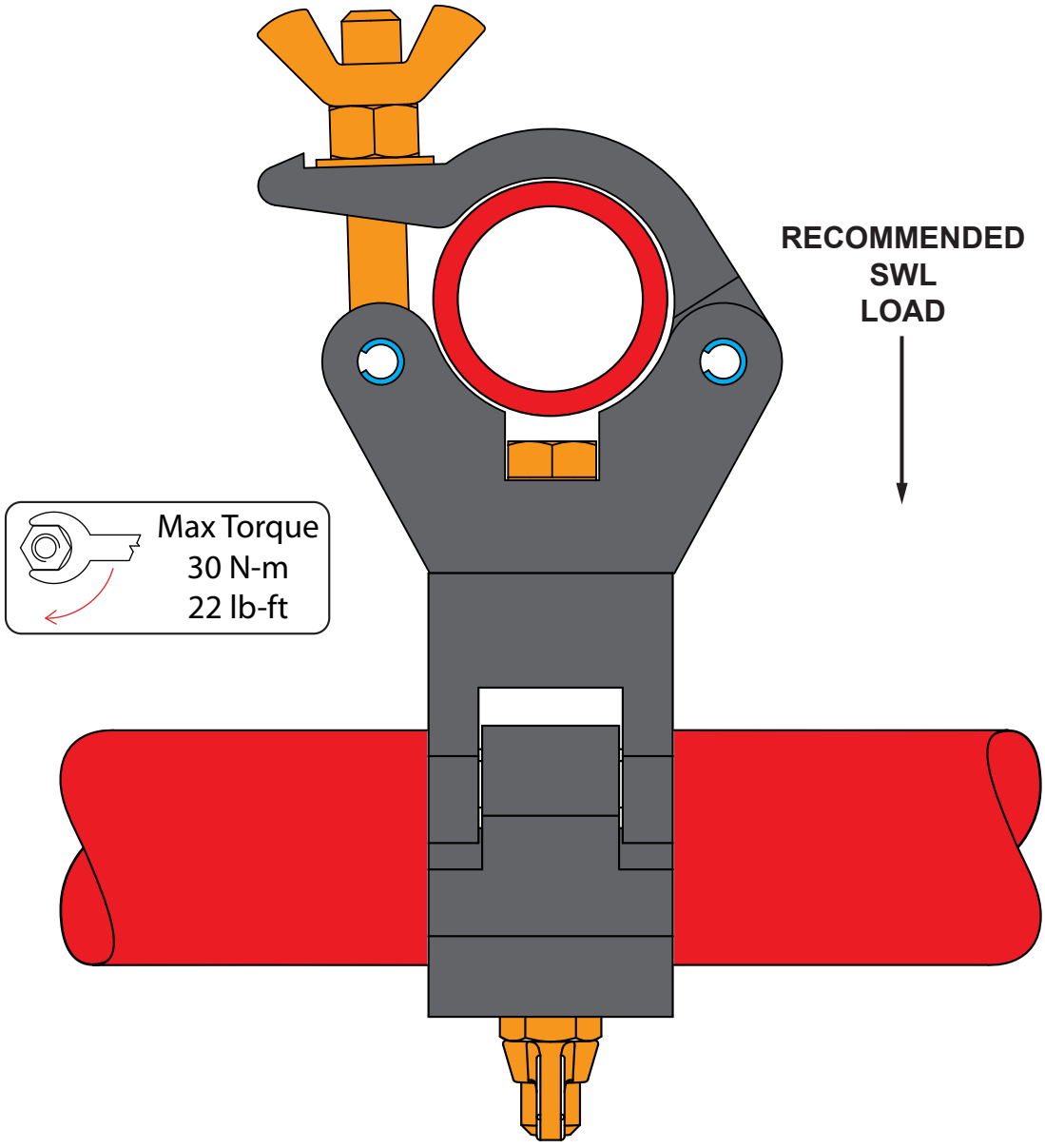
T58985/T5898501




Top
Eyebolt Assembly
Roll Pin
Roll Pin
Base
Bolt


Year of Manufacturer
i.e. - 09 = 2009
10 = 2010
11 = 2011
Month of Manufacturer
i.e. - A = Jan
B = Feb
C = March
10B
DOUGHTY
SWL 100KG
Safe
Working
Load

1. Never exceed the Safe Working Load (SWL) shown on the clamp.
2. Only use the clamp within the designed tube parameters (38mm)
3. All clamps should be visually inspected before use. In the event of any damage the clamp should be taken out of service and returned to an ‘Approved Doughty Service Agent’ for inspection. (see our dealer locator on our web site for a comprehensive list of Authorised Service Agents)
4. When used in conjunction with other accessories, care must be taken to ensure that the minimum SWL of any component is not exceeded.
5. Doughty Engineering Ltd does not recommend using any clamps which do not fully encompass the tube for overhanging. All open clamps including hookclamps should be used in a vertical orientation only.



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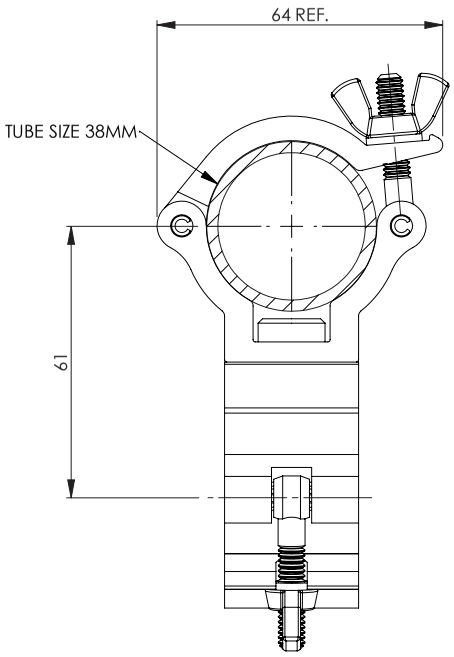
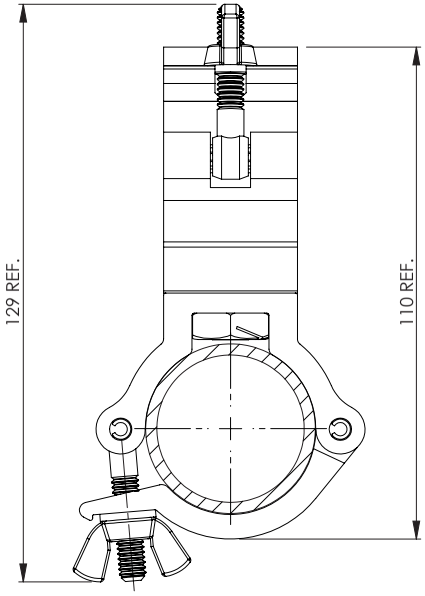
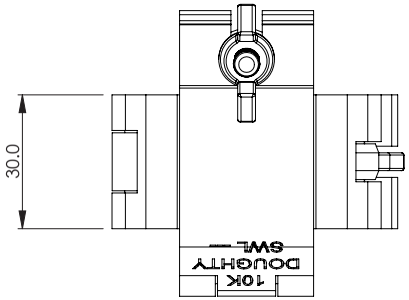
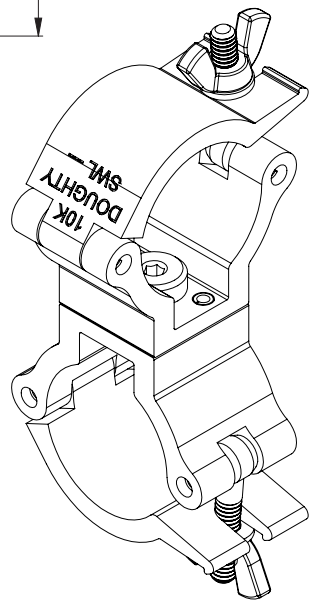








DOUGHTY ENGINEERING LTD

DATA SHEET

TITLE:
38MM ATOM 90° FIXED COUPLER

PART NOS:
T58985 - SILVER
T5898501 - BLACK

MATERIAL :
ALUMINIUM

WEIGHT:

SWL:
100 KG

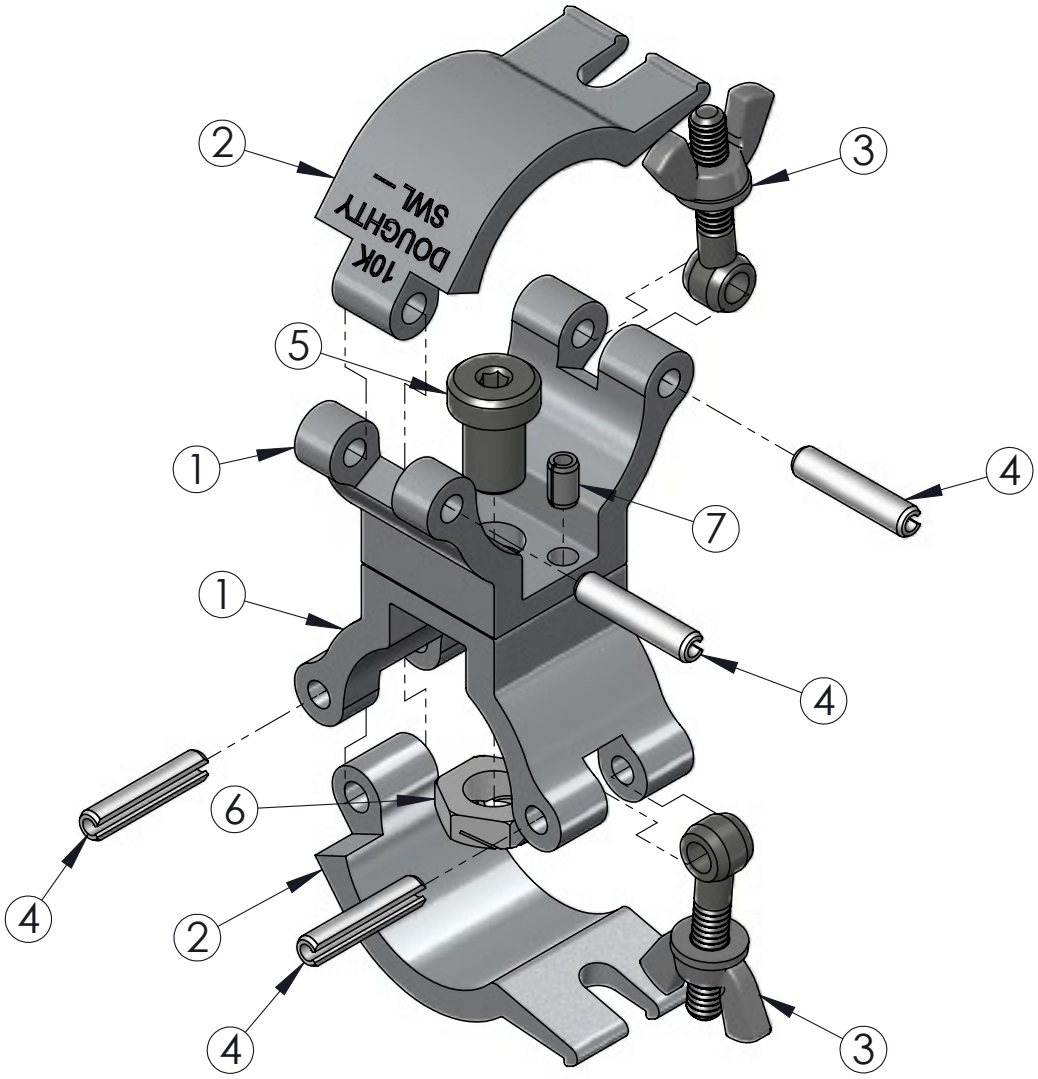
FINISH:
T58985 - POLISHED
T5898501 - POWDER PAINTED BLACK

NOTES:
PARALLEL AND 90 DEGREE FIXED VERSIONS ARE AVAILABLE

STRICTLY FOR REFERENCE PURPOSES ONLY

THIRD ANGLE PROJECTION

Data Sheet



DOUGHTY PRODUCTS MUST ONLY BE SERVICED / REPAIRED BY
AN AUTHORISED SERVICE AGENT.
SPARE PARTS ARE ONLY AVAILABLE TO THESE AGENTS

ITEM NO.	PART NUMBER	DESCRIPTION	Spares/QTY.
1	TH134	MACHINED 38MM ATOM CLAMP BASE	2
2	TH705	MACHINED 38MM ATOM CLAMP TOP	2
3	T78010	M6 X 39 EYEBOLT	2
4	F771	M5 x 25 Stainless Steel Roll Pin	4
5	S1915	M10 X 15 SKT CAP SCREW REDUCED HEAD	1
6	F888	M10 BINX NUT BZP REDUCED	1
7	F775	M5 x 8 ROLL PIN STAINLESS STEEL	1

T58985 - 38MM ATOM 90° FIXED COUPLER

DOUGHTY	DRAWN	AW
	DATE	31/03/2011
NOT TO SCALE	Rev	1

Doughty Engineering Limited
CROW ARCH LANE, RINGWOOD, HANTS, BH24 1NZ. ENGLAND
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Description: Ø38mm Atom 90° Fixed Coupler

Model/s: Part No. T58985 / T5898501

SWL: 100Kg **Factor:** 5:1

are in conformity with the provision of the following EC Directives:

MACHINERY DIRECTIVE 98/37/EC

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Safety Tested: DIN 31000 03.79

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BS 7905-1:2001

Signed: Date:23-04-08

Name: Nigel Curtis Position: Technical Director

Being the responsible person appointed by the manufacturer.

CE

DEQ 083 Rev 4

Company Registration No. London 972614
Registered Office: Crow Arch Lane, Ringwood, Hants, BH24 1NZ
Directors: M.B.Lister. J.C.G. Chiverton. N.D. Curtis. S.C. Wright

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